

Figure 1

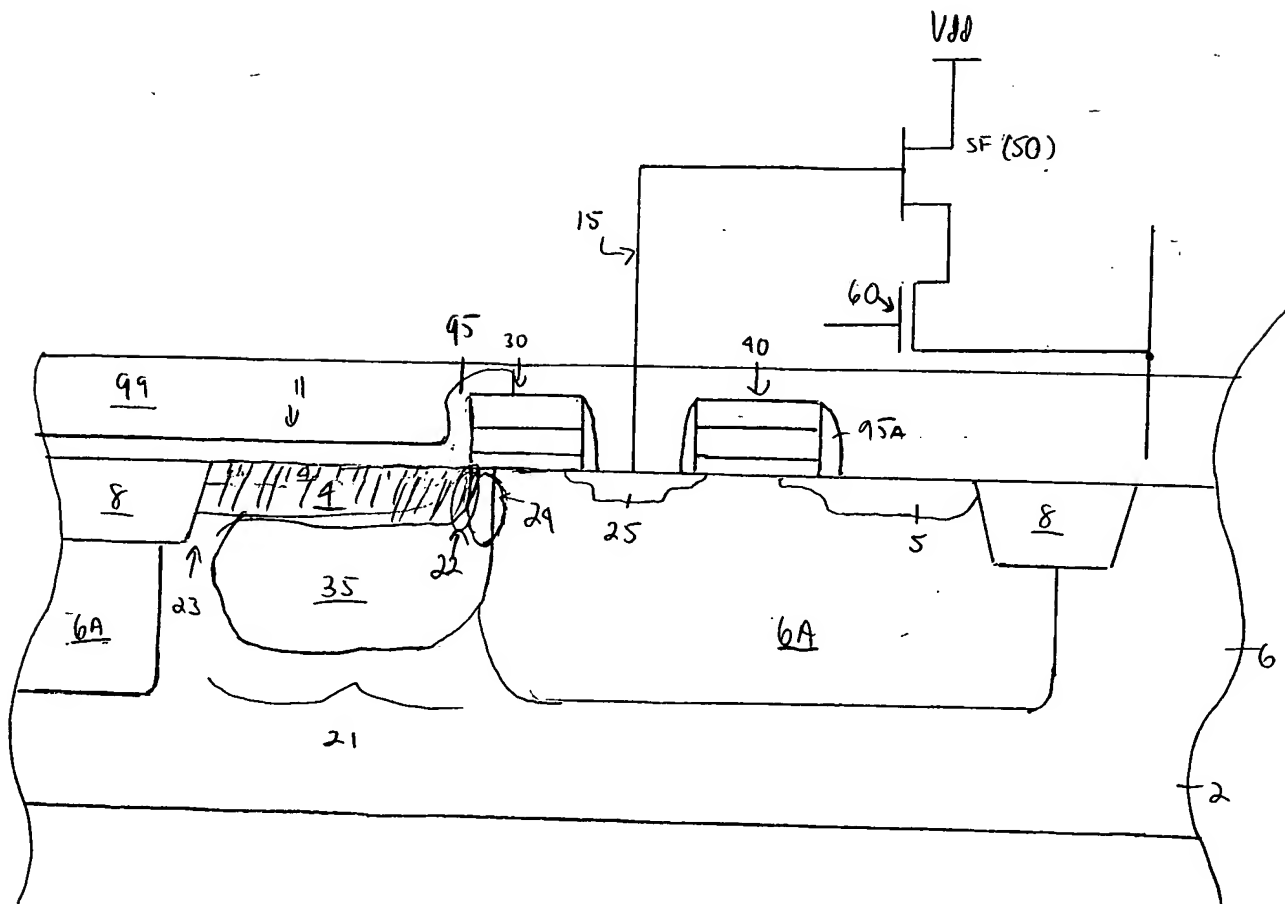


Figure 2 (Prior, Act)

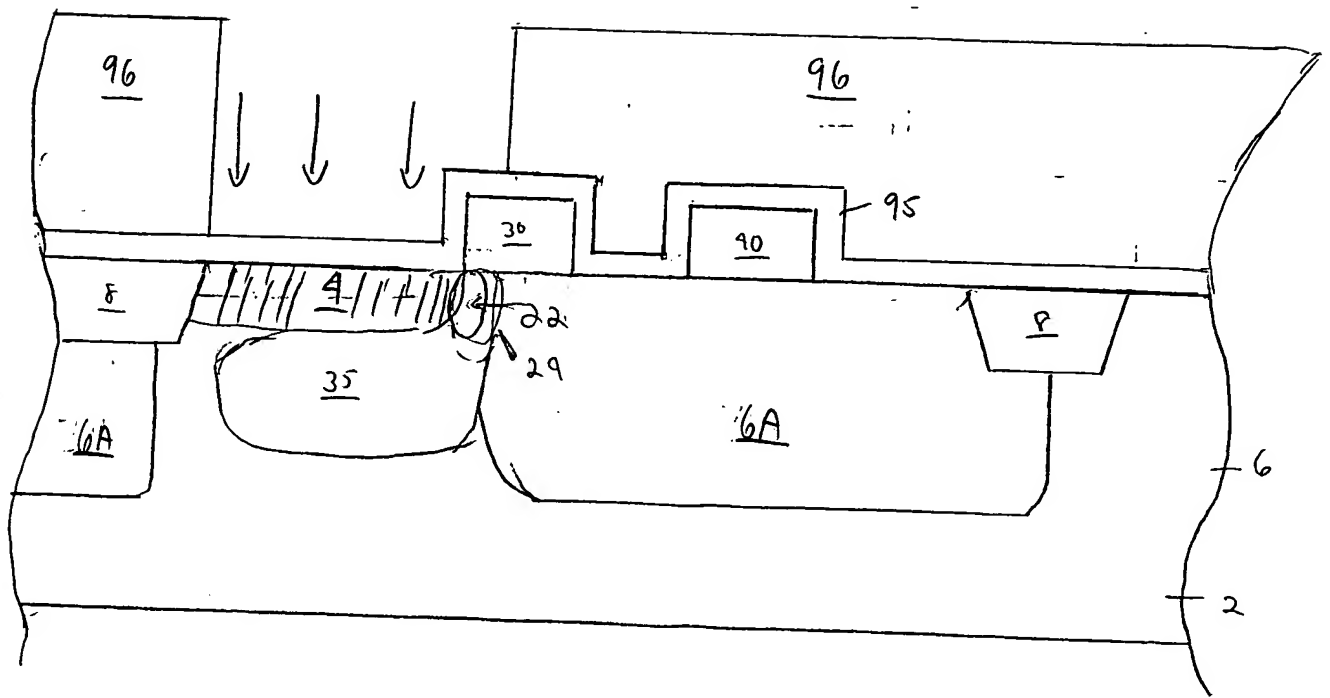


Figure 3 ("Prior Art")

A hand-drawn schematic diagram of a mechanical assembly, likely a cross-section of a turbine or engine component. The diagram shows a central vertical shaft with a rotor assembly. The rotor assembly includes a central hub (135) and two main rotor sections (130 and 140). The rotor sections are composed of multiple blades or segments (133, 132, 131, 134, 143, 142, 141, 144). The rotor is mounted on a base (106a) which is supported by a frame (106). The frame includes a central support structure (108) and a base plate (102). Various dimensions and parameters are indicated: L_a and L_b are horizontal distances; 111 is a vertical dimension; 195 is a horizontal dimension; 130 and 140 are vertical dimensions; 104 and $104a$ are horizontal dimensions; $104b$ is a vertical dimension; 171 is a horizontal dimension; 125 is a horizontal dimension; 105 is a horizontal dimension; 108 is a horizontal dimension; $106a$ is a horizontal dimension; 106 is a horizontal dimension; 102 is a horizontal dimension. The diagram is labeled with '111' and '195' at the top left, and '106' and '102' at the bottom right.

Figure 4

100
↓

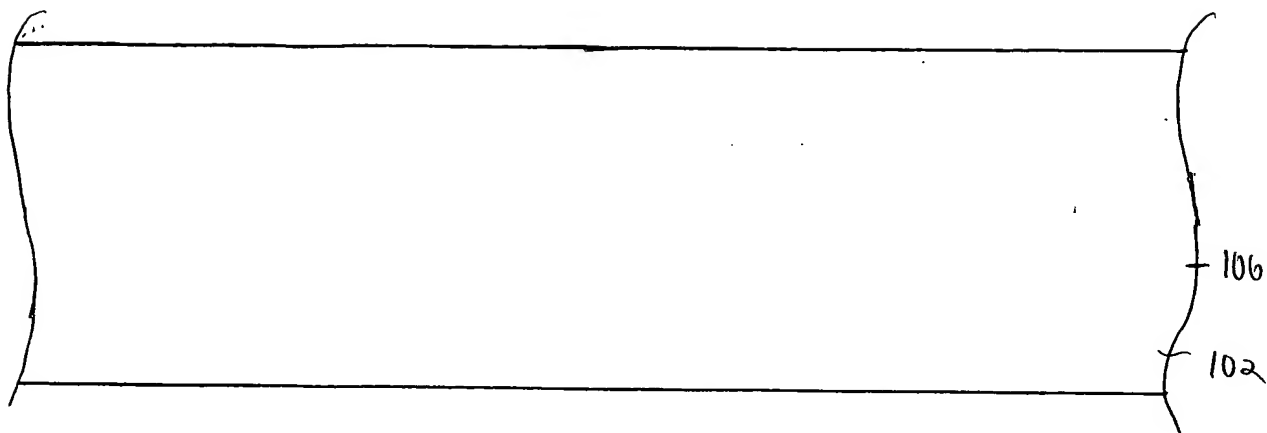


Figure 5A

100
↓

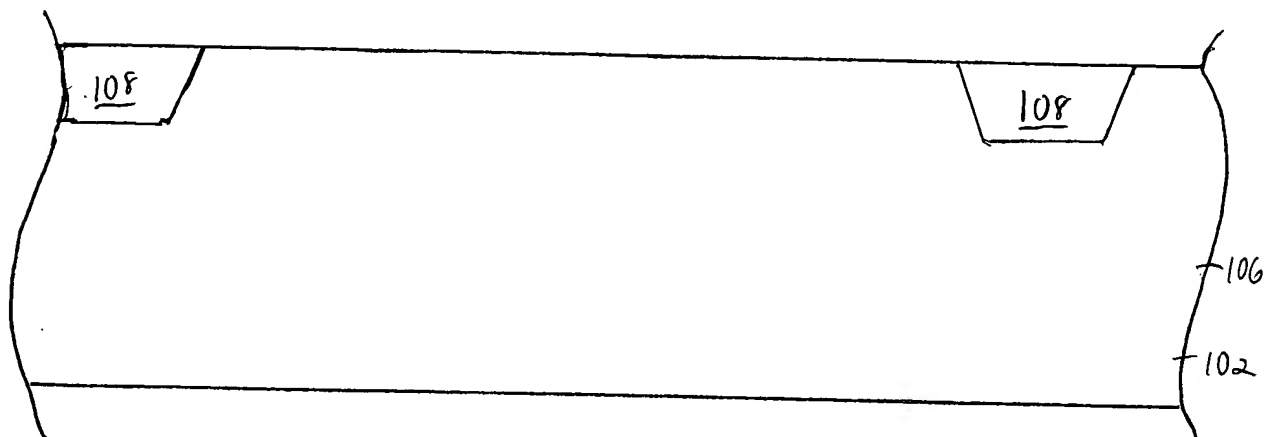


Figure 5B

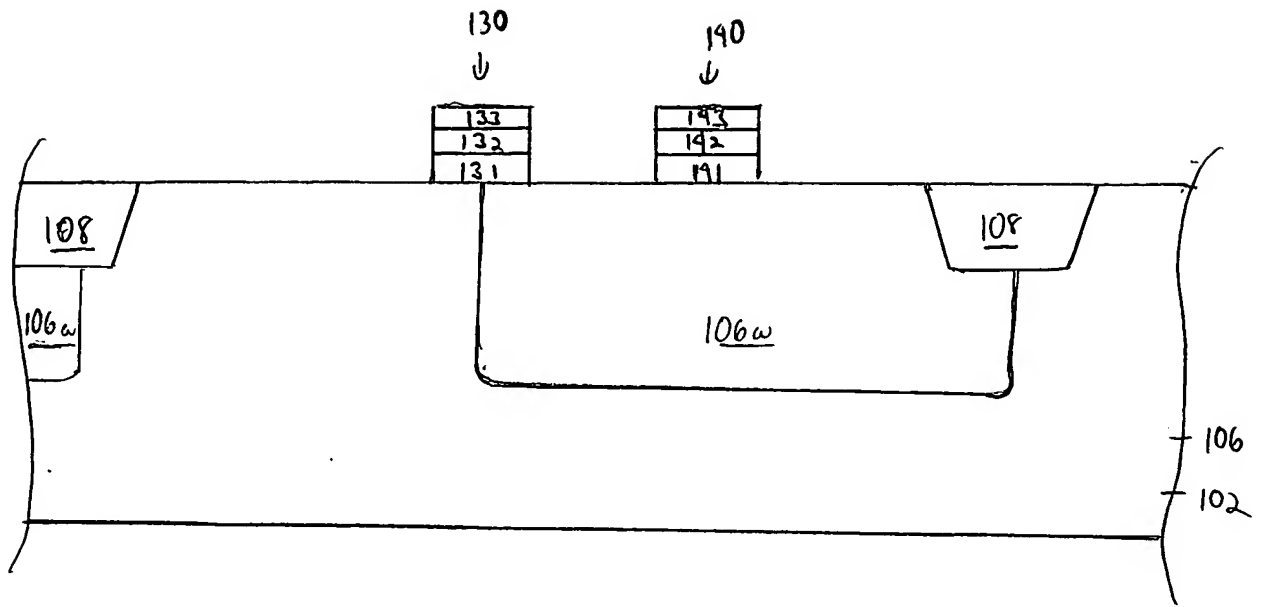


Figure 5C

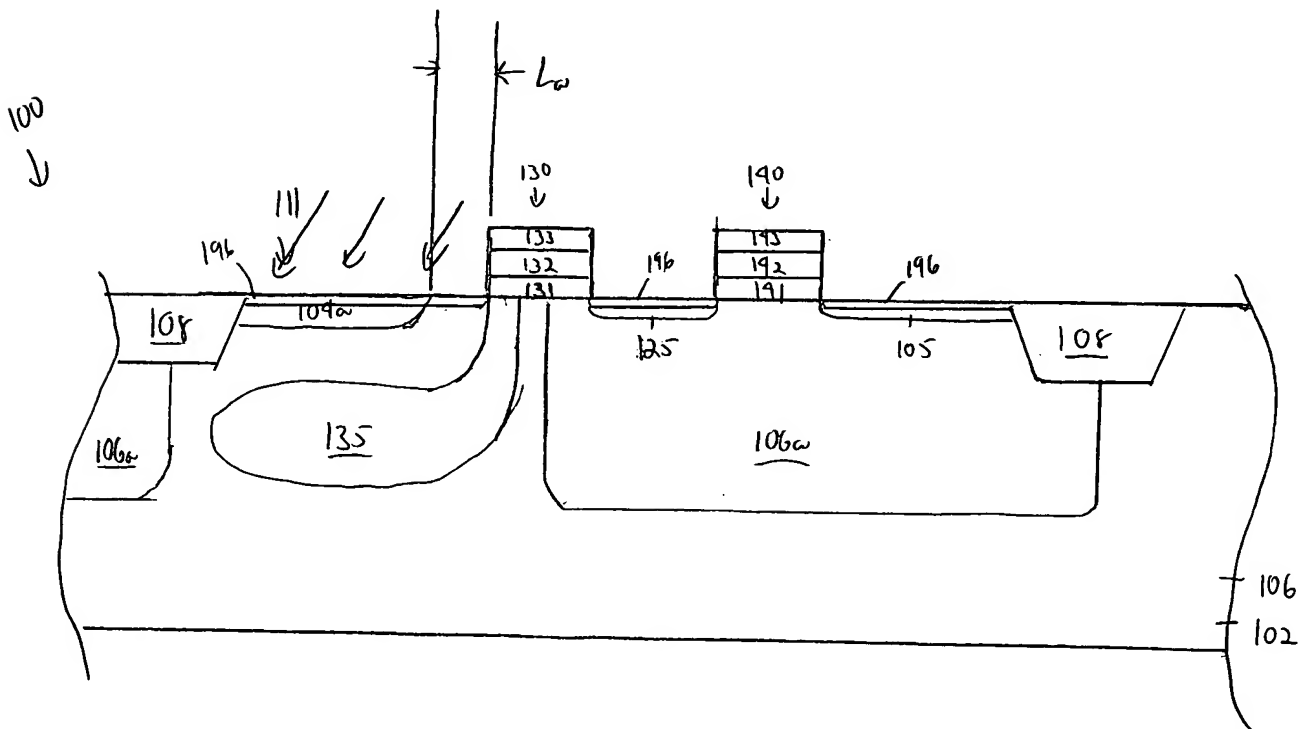


Figure 5D

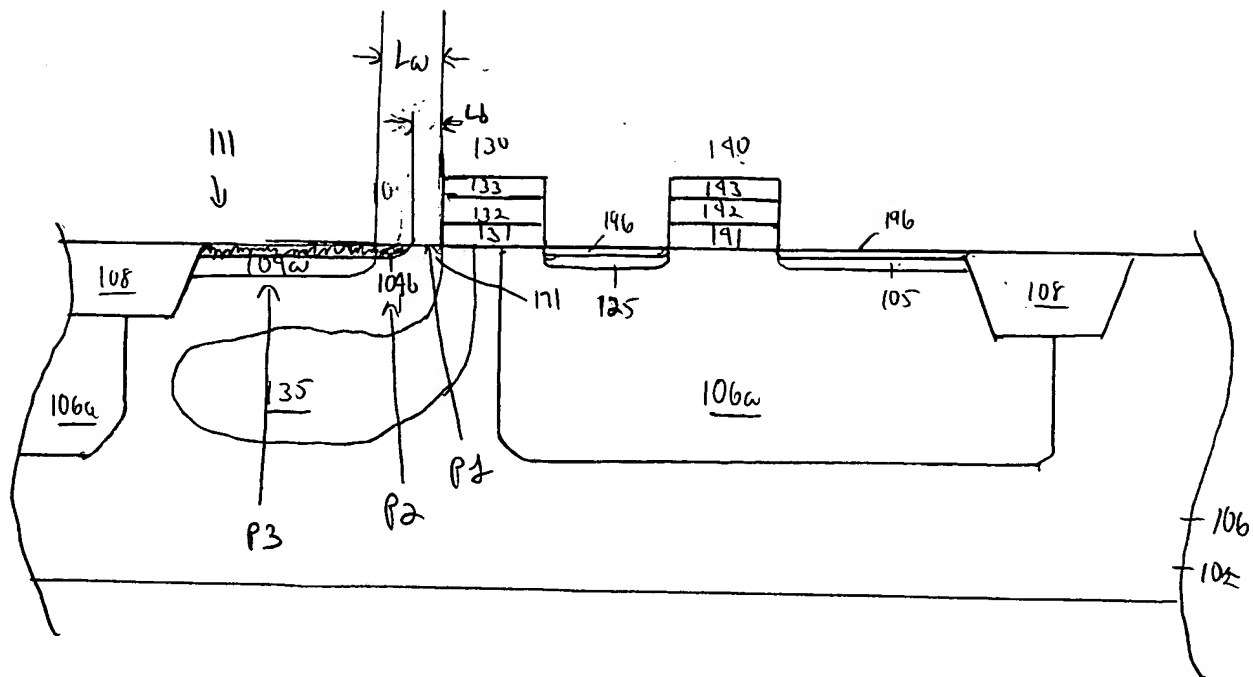


Figure SE

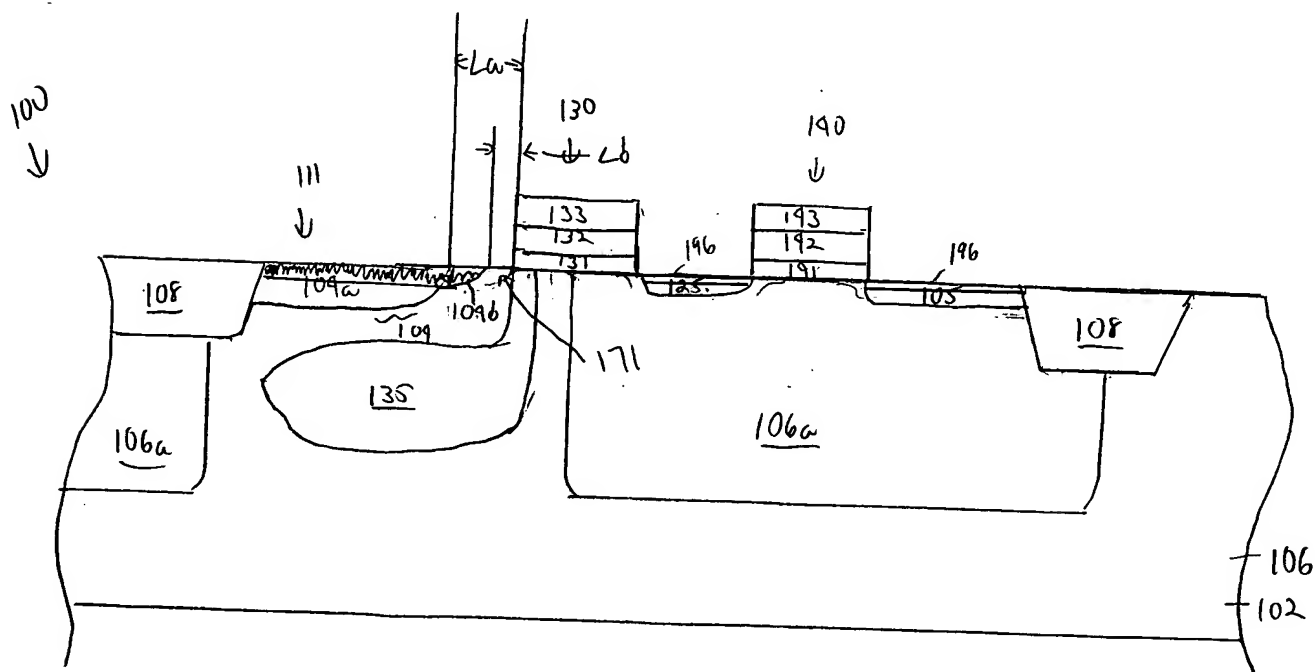


Figure 5F

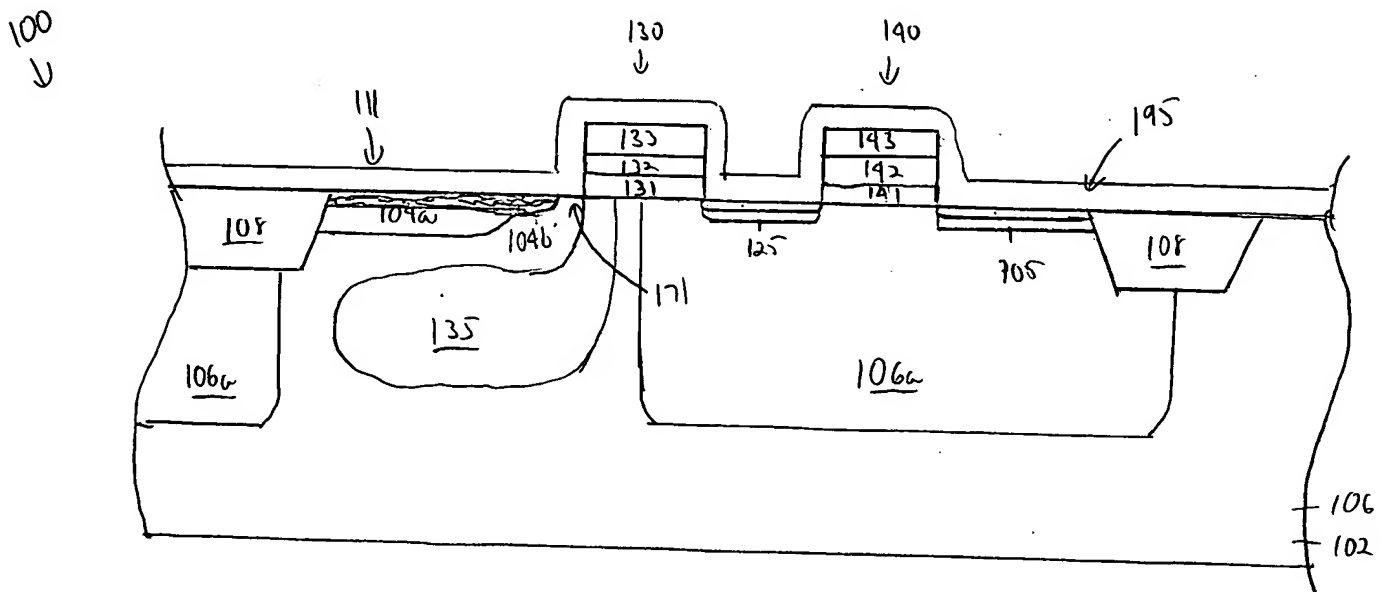


Figure 56

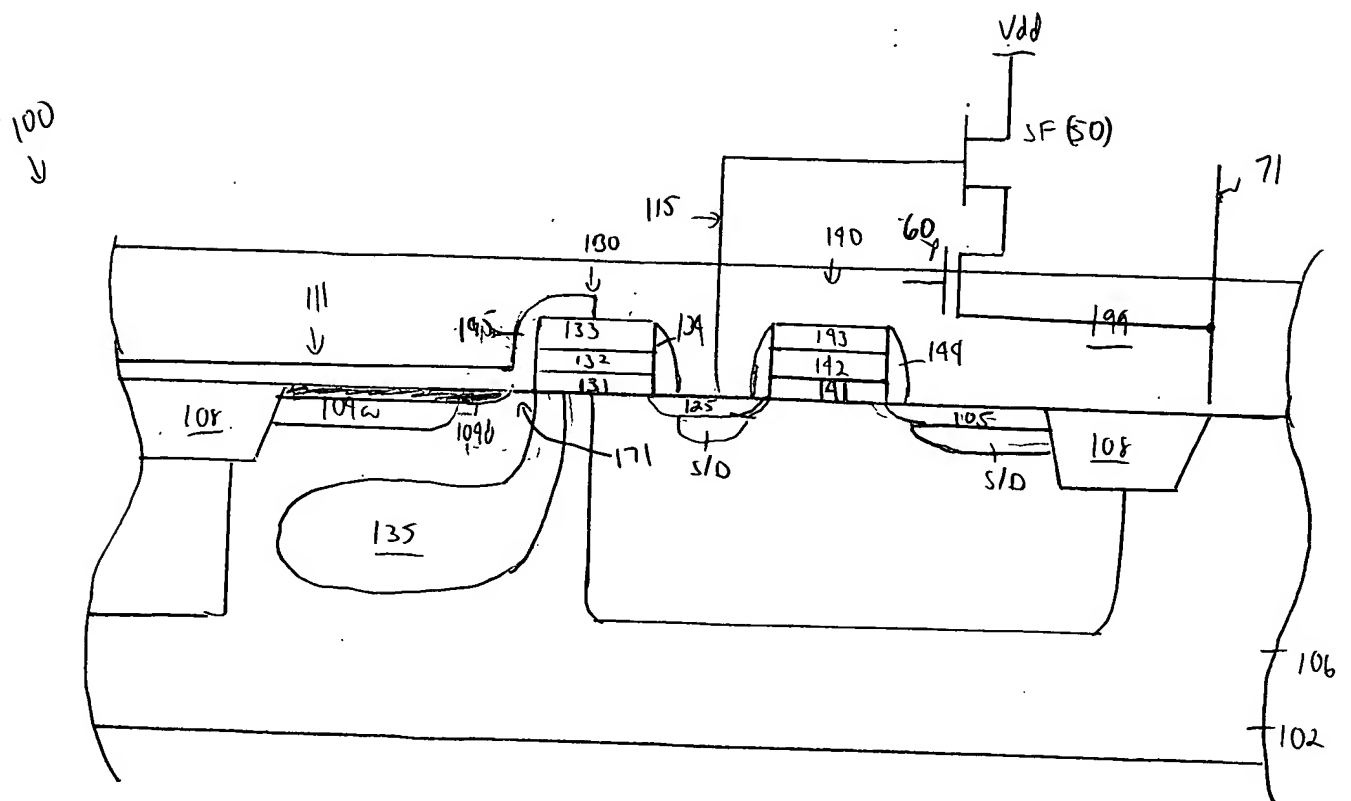


Figure 54

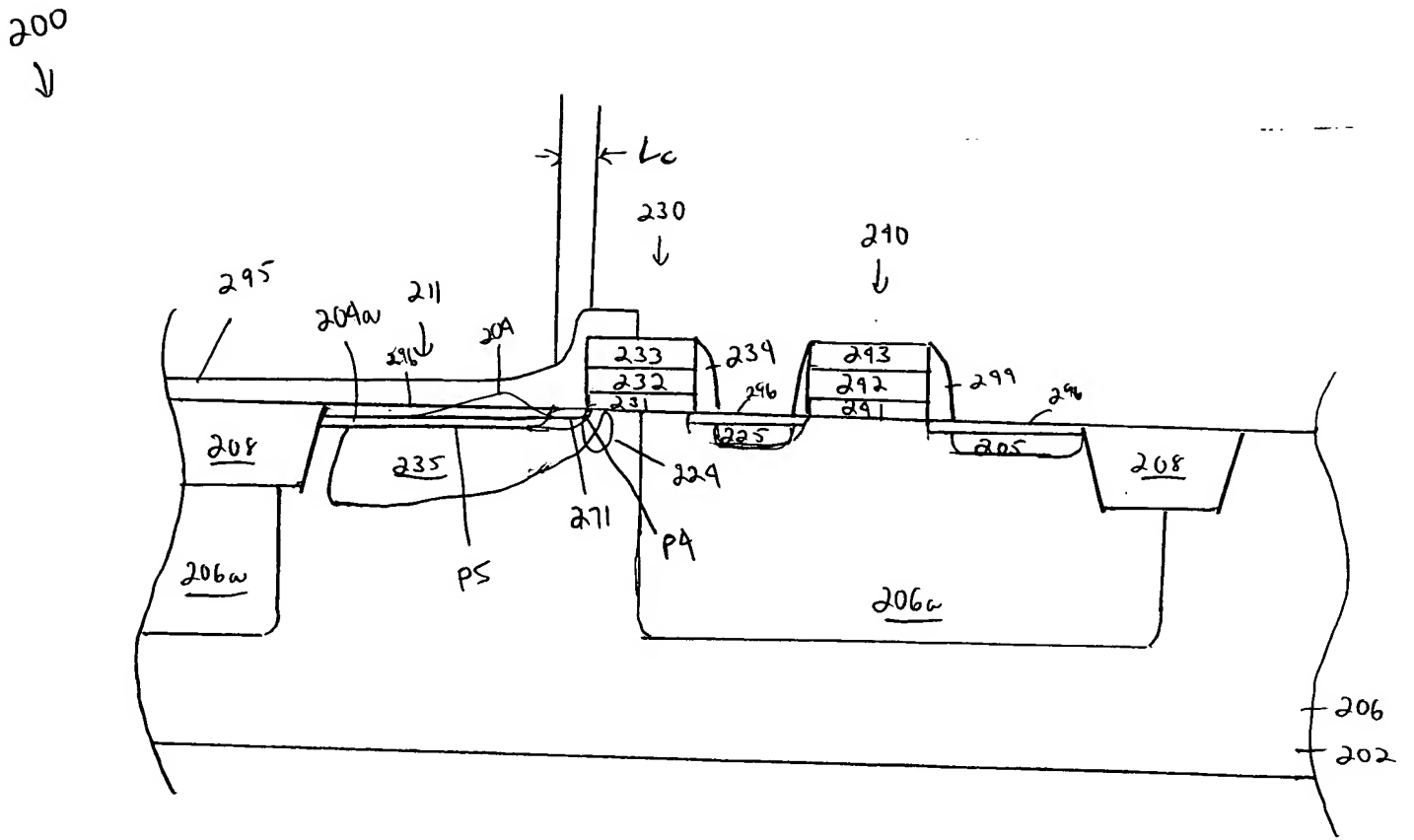


Figure 6

200
↓

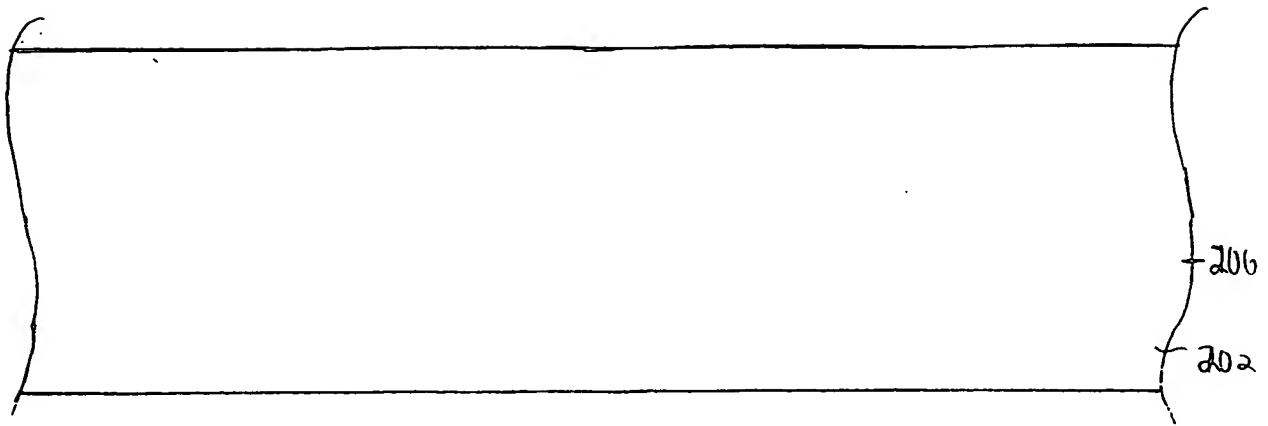


Figure 7A

200
↓

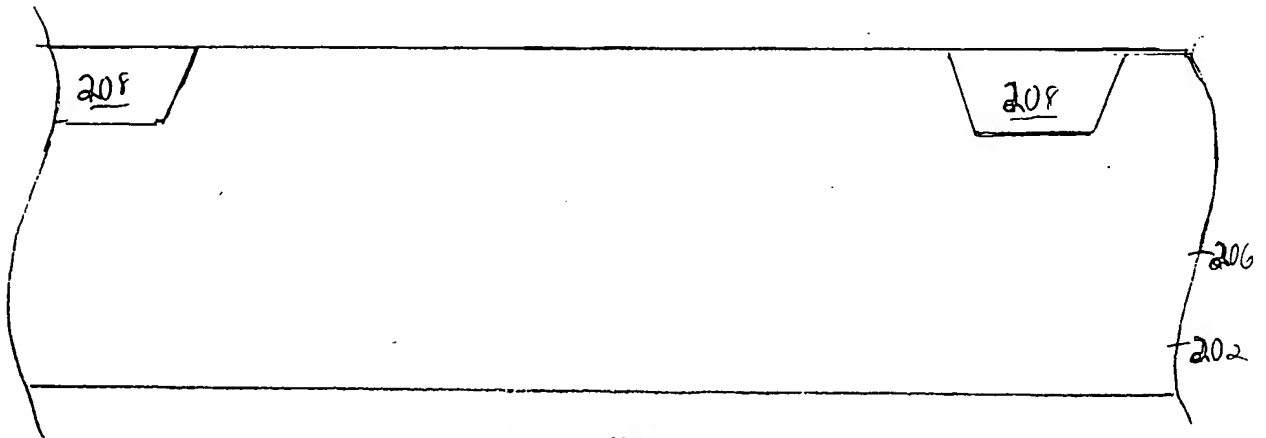


Figure 7B

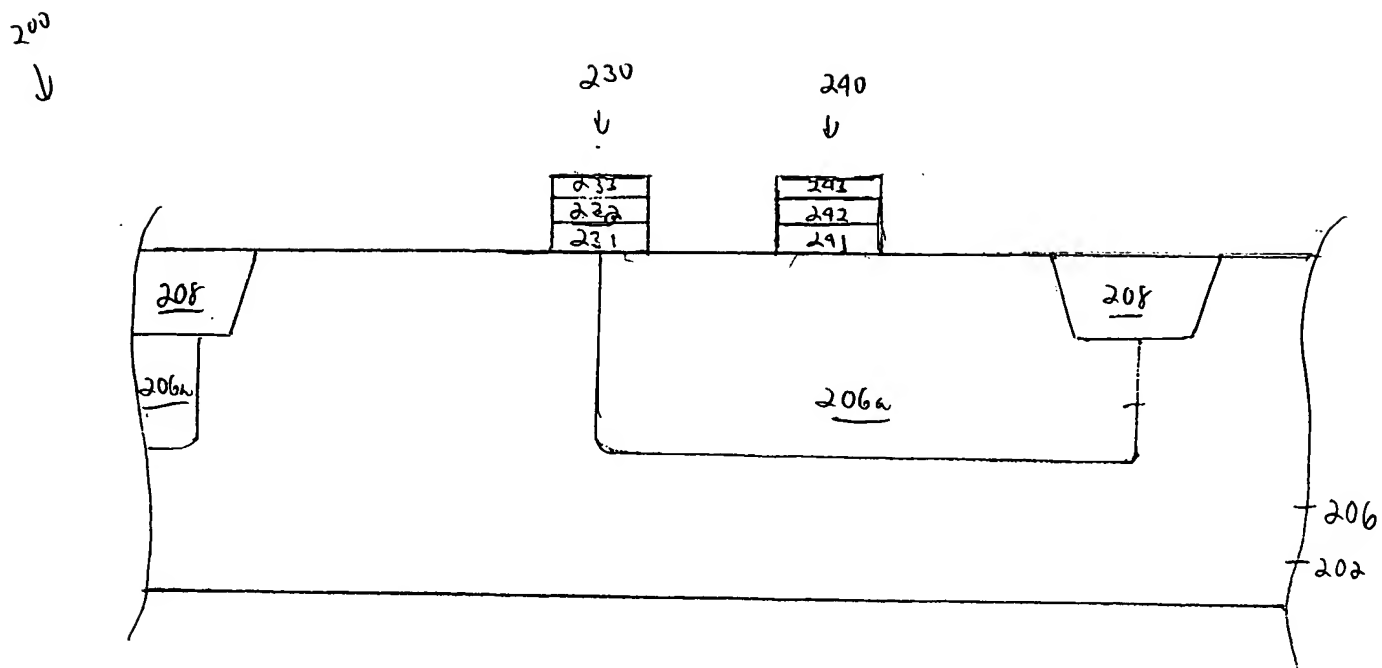


Figure 7C

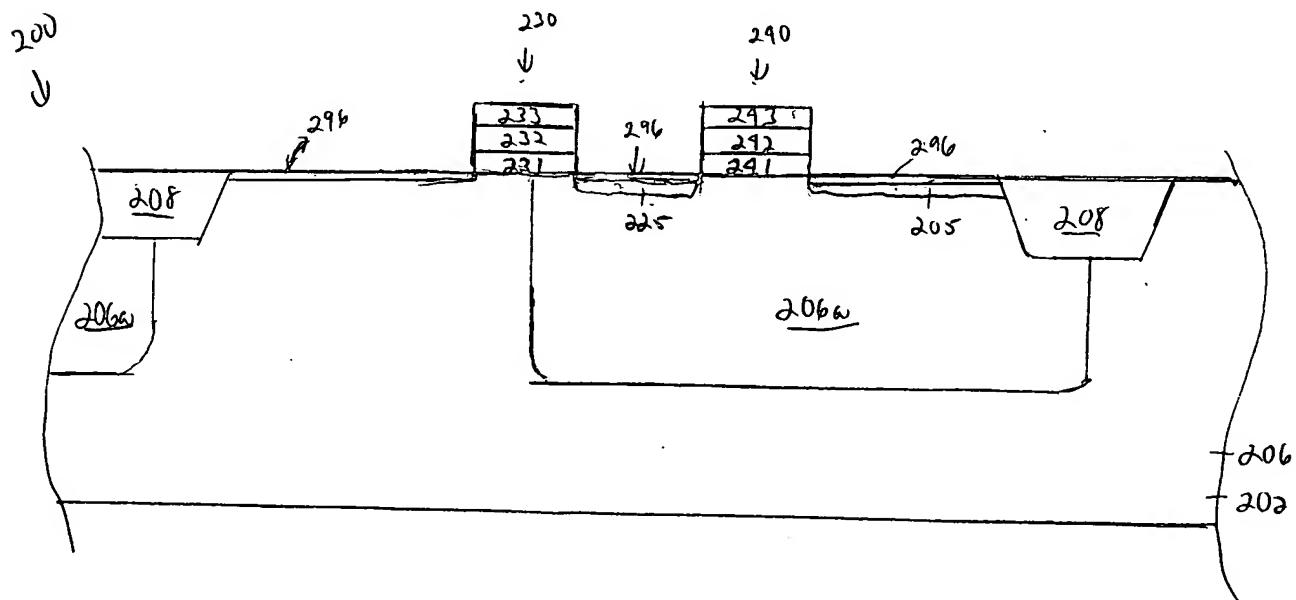


Figure 7D

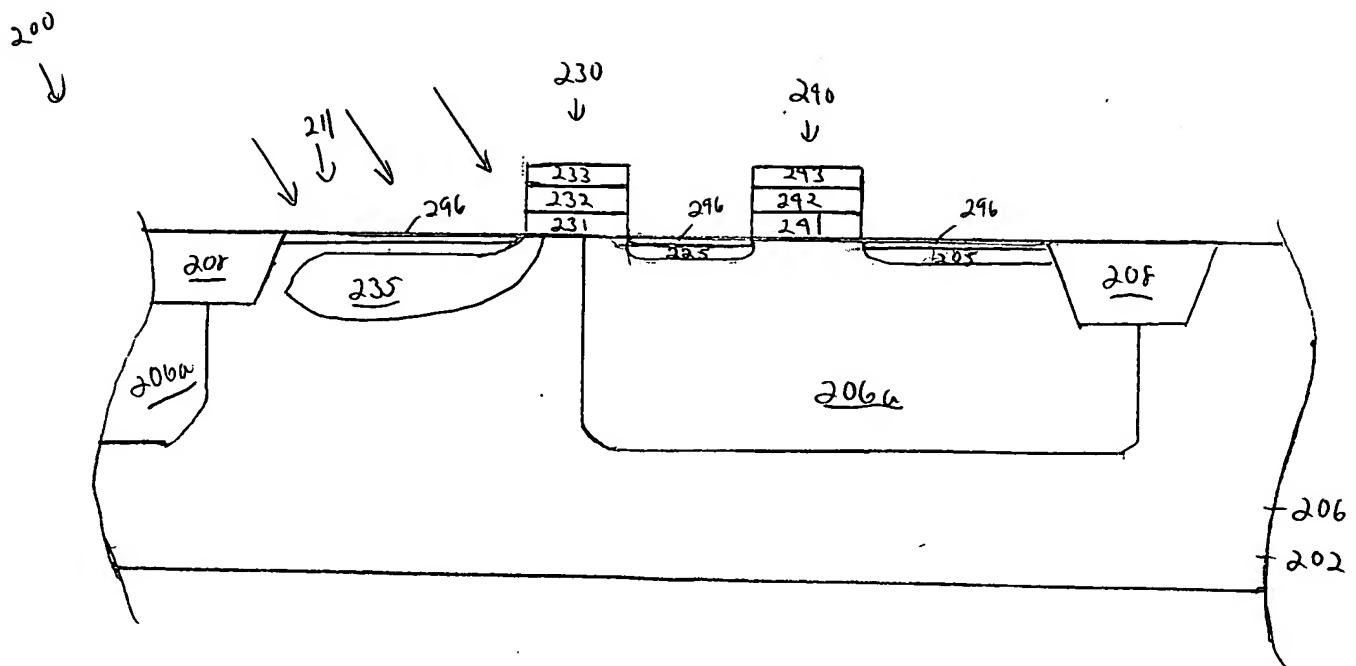


Figure 7E

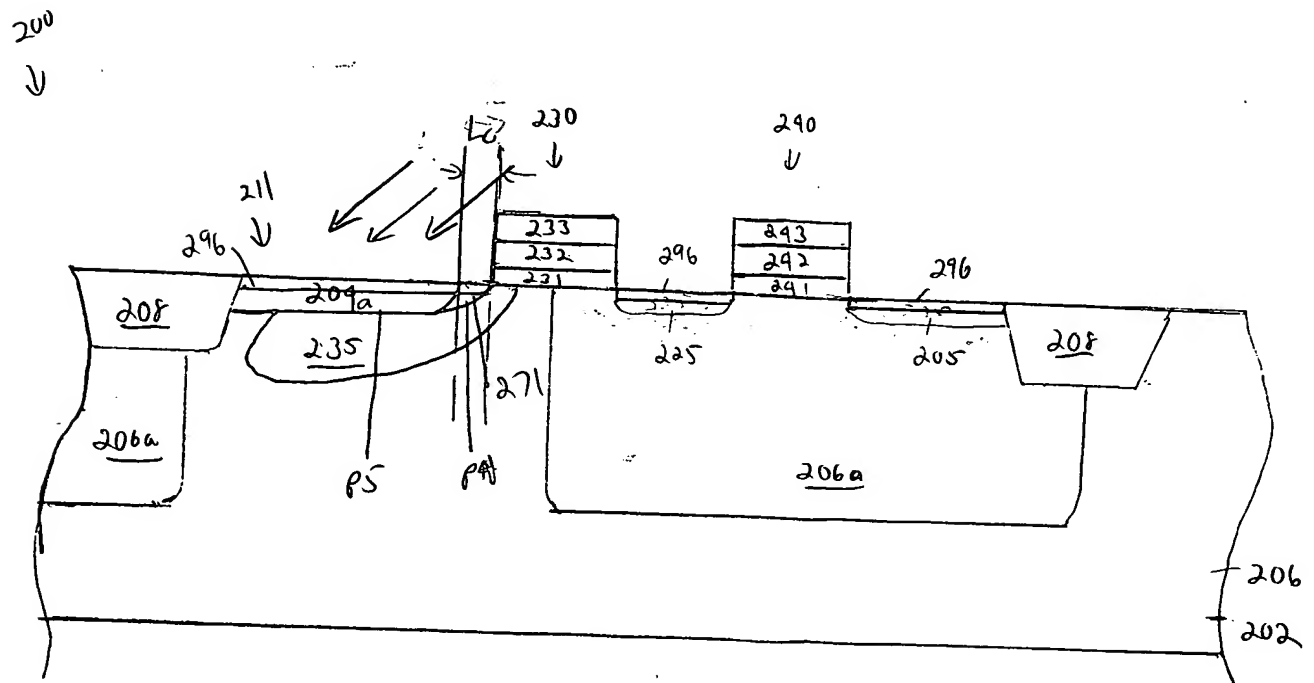


Figure 7F

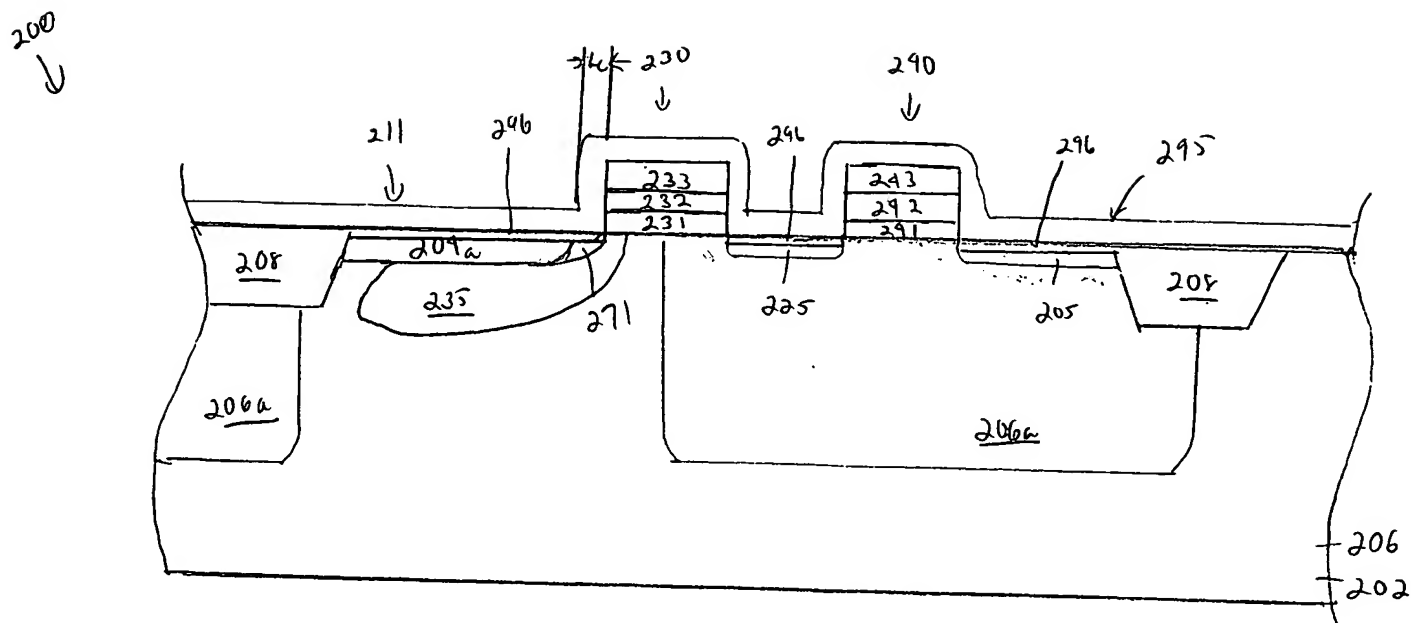


Figure 76

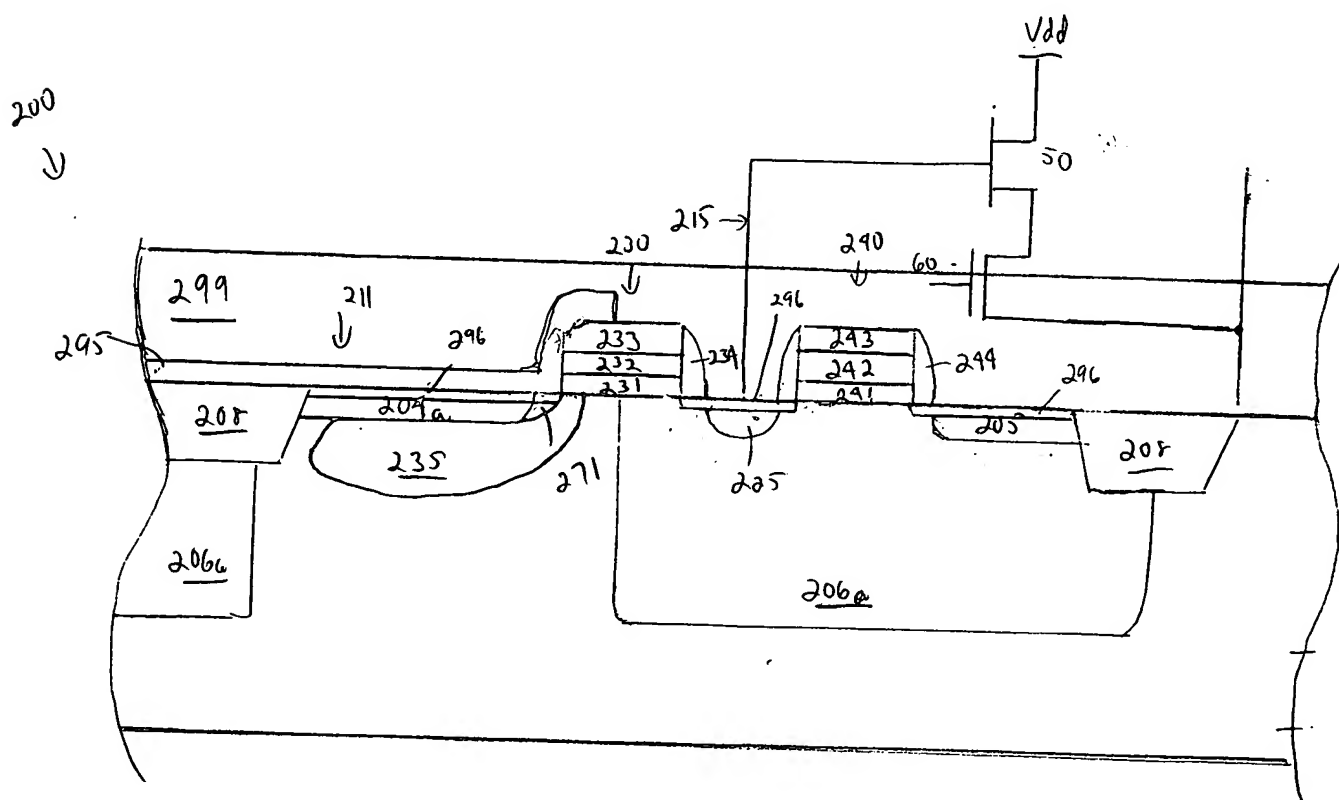


Figure 7H

300
↓

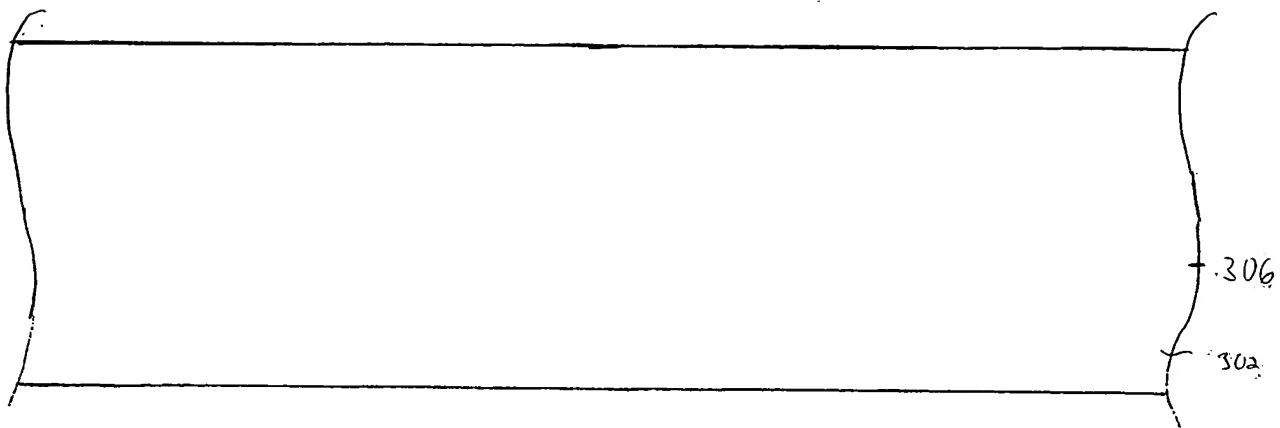


Figure 9A

300
↓

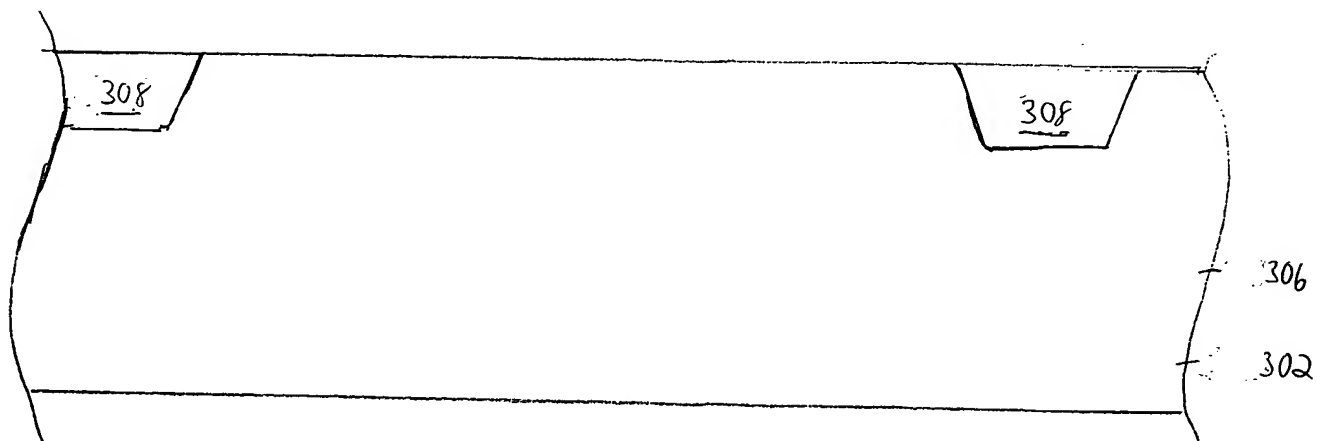


Figure 9B

300
↓

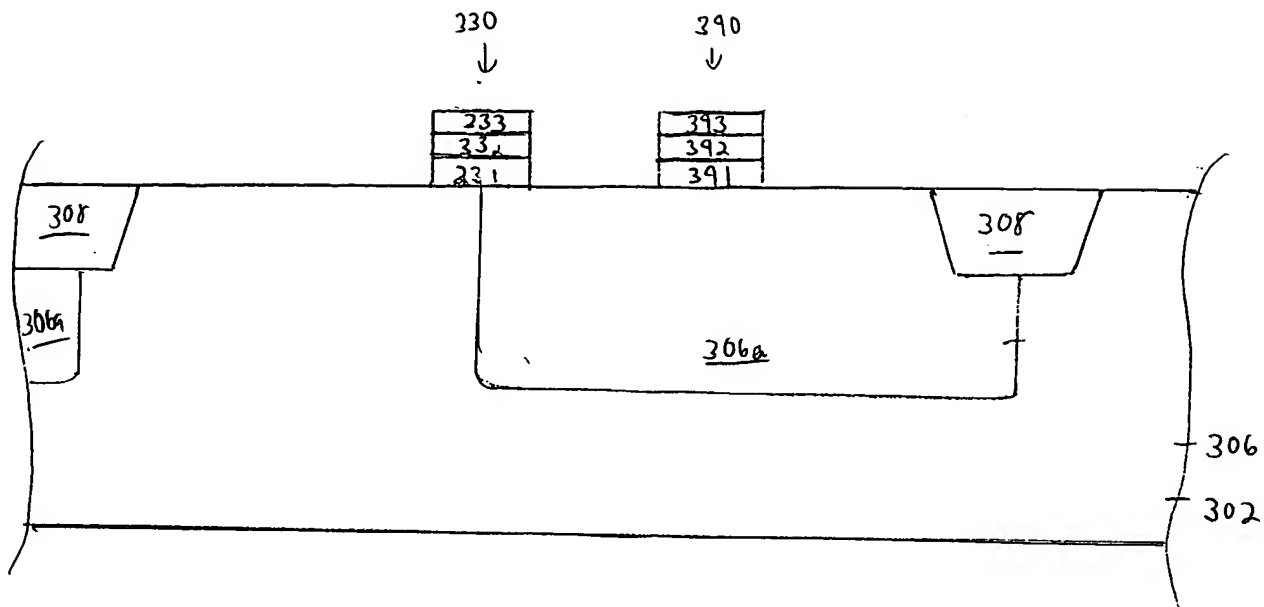


Figure 9C

300
↓

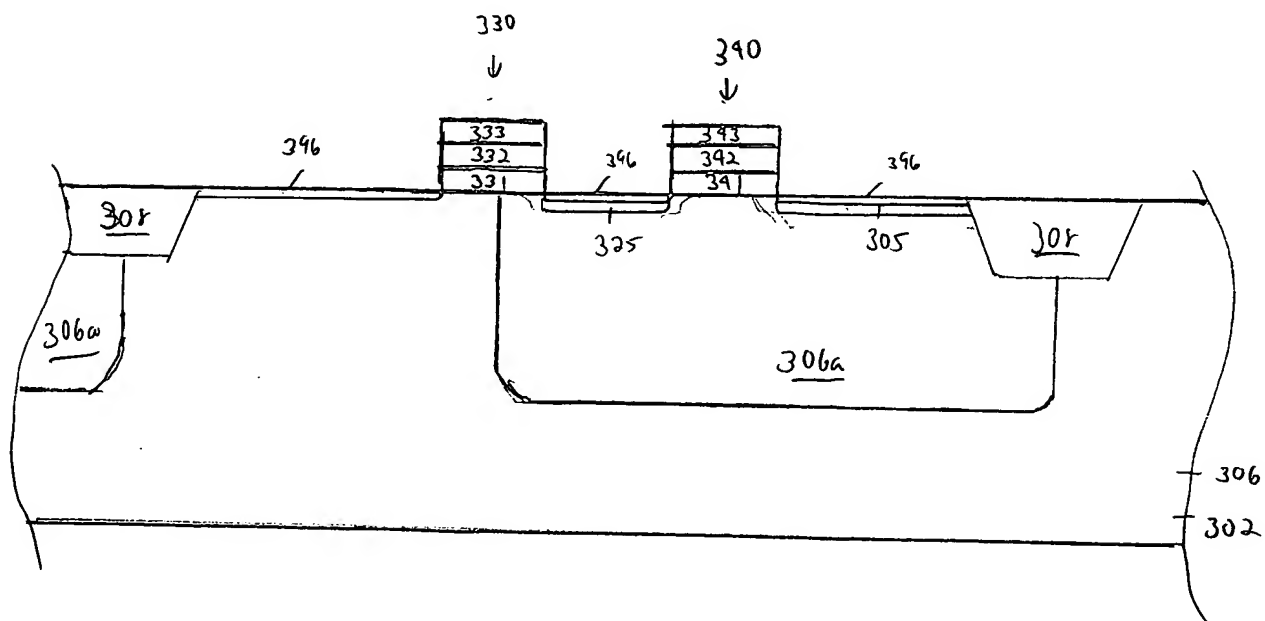


Figure 9D

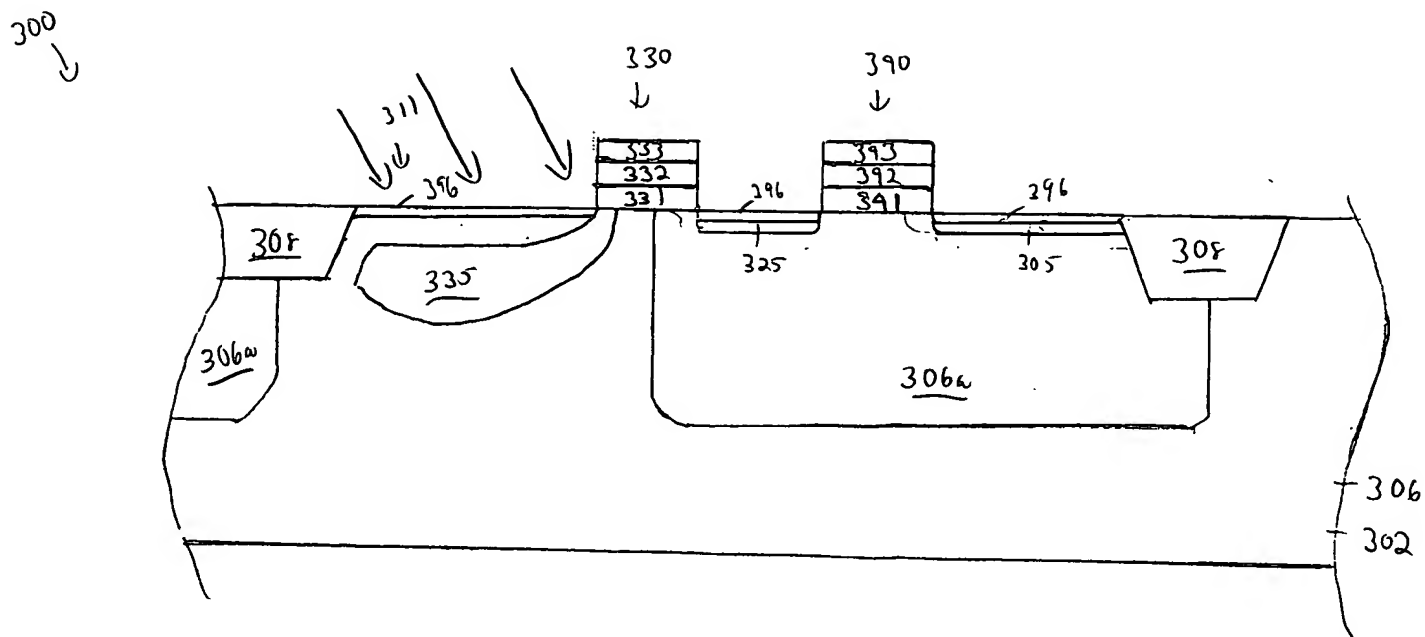


Figure 9E

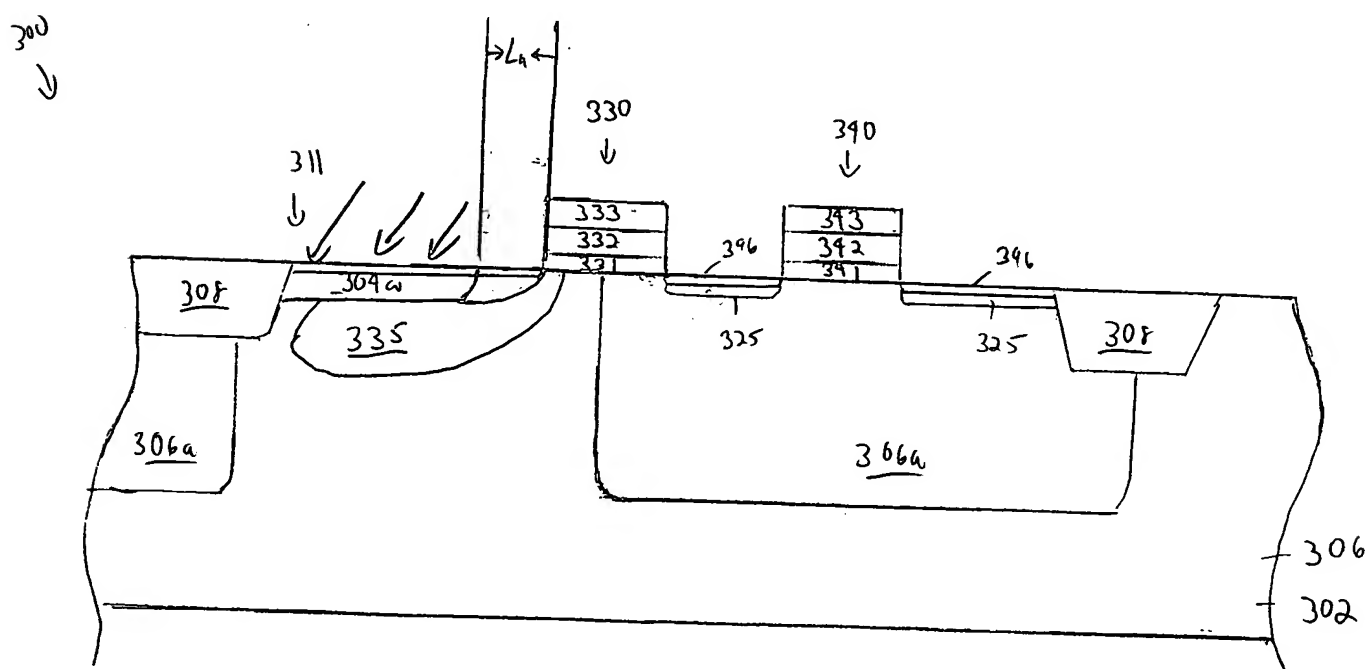


Figure 9F

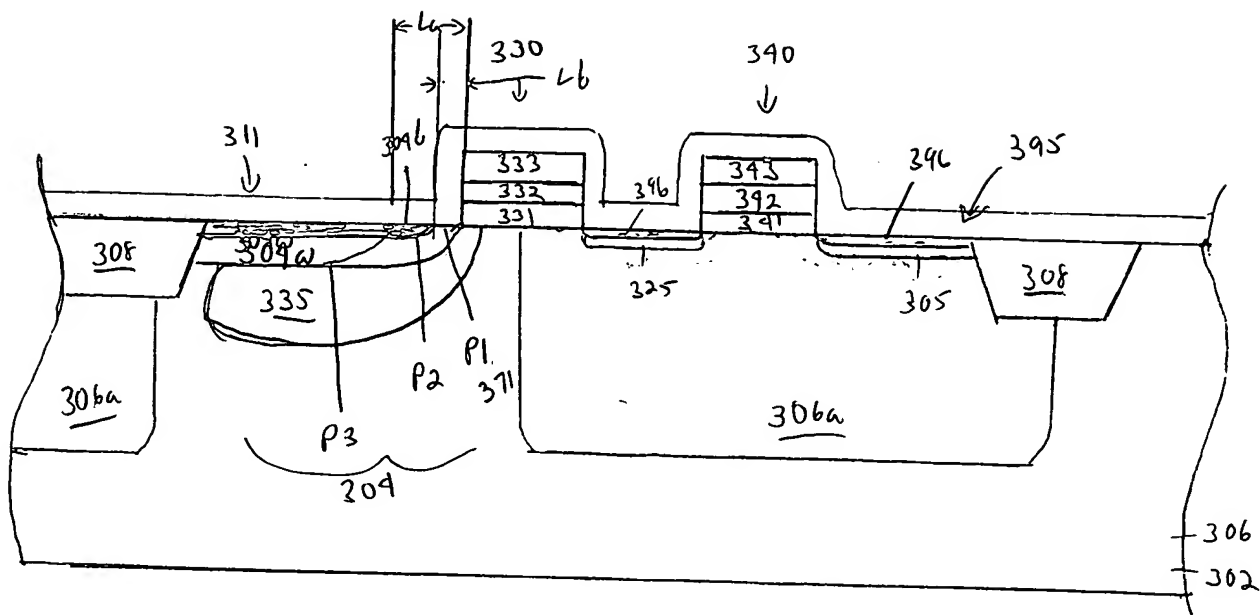


Figure 96

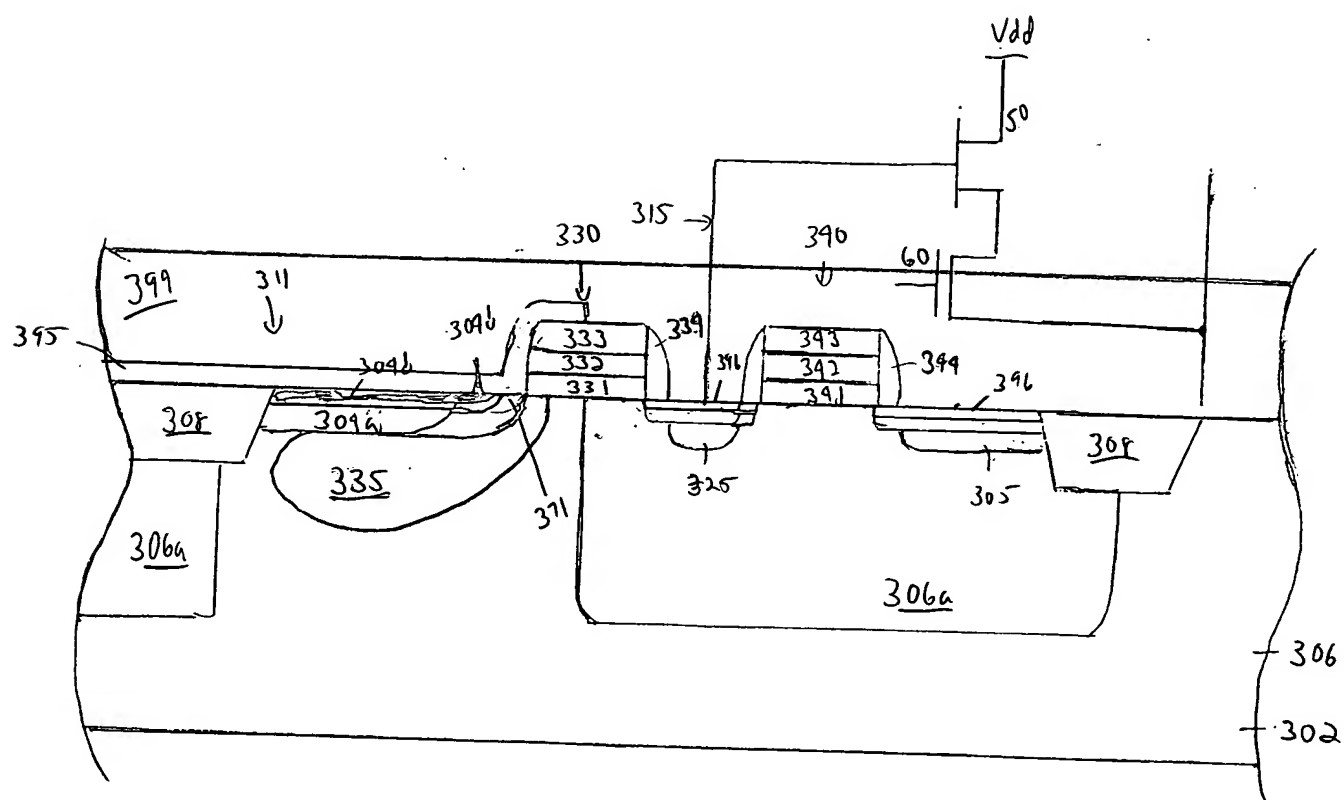


Figure 9H

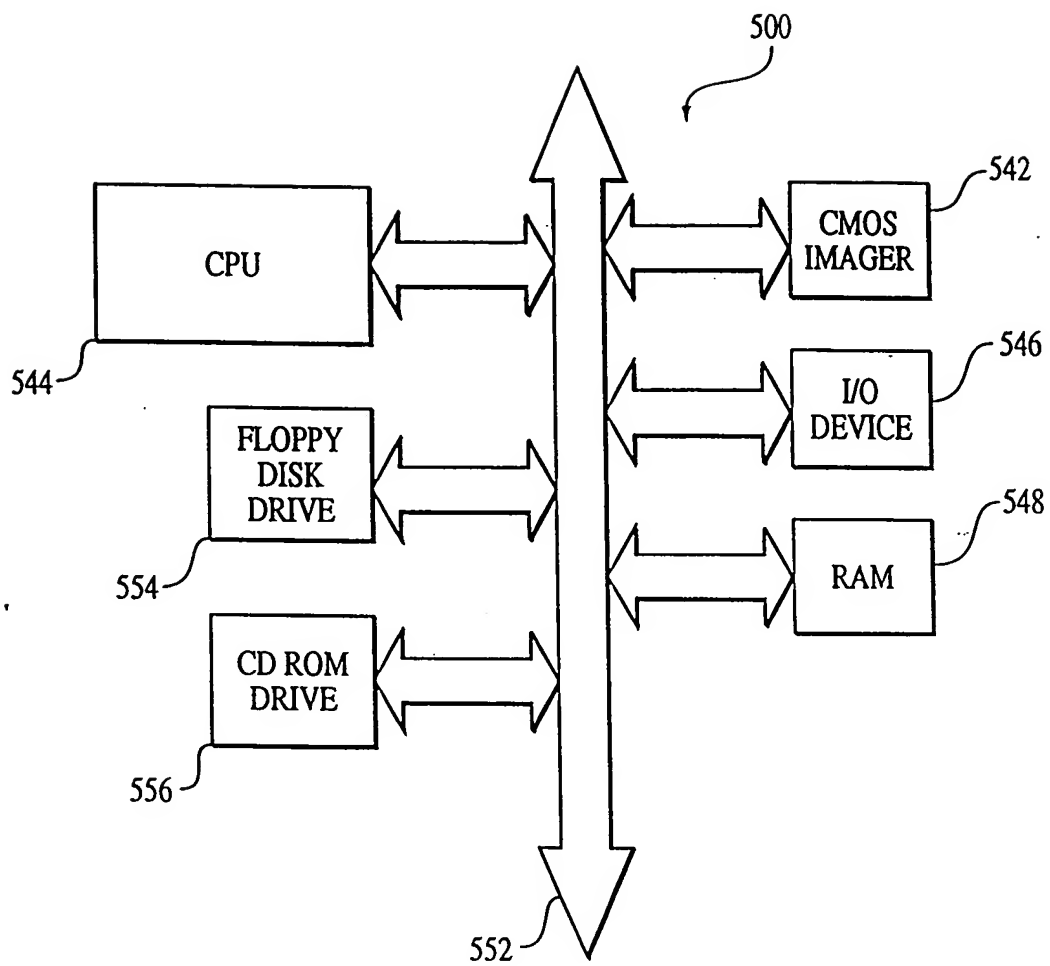


FIG. 10